HUNTERS POINT NAVAL SHIPYARD
BASE REALIGNMENT AND CLOSURE CLEANUP TEAM
MEETING MINUTES

January 26, 2012

These minutes summarize the meeting of the Hunters Point Naval Shipyard (HPNS) Base Realignment and Closure (BRAC) Cleanup Team (BCT) held on January 26, 2012, at the CH2M HILL offices in Oakland, California. Participants in the meeting included the BCT, which is made up of representatives from the U.S. Department of the Navy (Navy), the U.S. Environmental Protection Agency (USEPA), the California Department of Toxic Substances Control (DTSC), and the San Francisco Bay Regional Water Quality Control Board (Water Board). The City of San Francisco (City), their consultants, the Lennar team of developers, and Navy consultants also attended the meeting. These minutes describe the key points, decisions, and action items agreed to at the meeting. A list of attendees is included as Attachment A. The document review table is included as Attachment B. Action items from the meeting are included as Attachment C.

1.0 Navy Business/Action Items (Keith Forman, Navy)

Keith Forman (Navy) began the meeting with introductions. Craig Cooper (USEPA), Ryan Miya (DTSC), and Ross Steenson and Tina Low (Water Board) were present to represent the regulatory agencies involved on the project.

Action Items from the previous meeting:

- Navy will discuss Submarine Pens and Dry Docks 5 through 7 with Laurie Lowman (Navy) to see why they have historically been included on maps showing them as radiologically impacted when they were not identified in the Historic Radiological Assessment Report. *In Progress. Mr. Forman will continue to follow up with Ms. Lowman to see what needs to be included in the radiological screening activities.*

- Bruce Rucker from CE2 will send the regulatory agencies access information for the groundwater monitoring database. *Complete.*

2.0 Radiological Update (Chris Yantos, Navy)

Mr. Yantos began the radiological program update and summarized the Crisp Road/Parcel E sanitary sewer and storm drain removals and building surveys. Mr. Yantos said that the California Department of Public Health (CDPH) conducted confirmation sampling on October 25, 2011 at Buildings 414, 701, and 704 and they are currently waiting on a free release from CDPH. The Final Status Survey (FSS) for Sites IR-04 and 807 will be issued in February 2012. The Final UC-3 Remedial Action Completion Report (RACR) will be issued in February 2012. Mr. Miya asked if the Navy is seeing any differences in radiological concentrations in Parcel C as compared to other parcels on the base; Mr. Yantos responded that they are not.

The sanitary sewer and storm drain removal began in Parcel C on January 4, 2011. To date, 20,456 linear feet of sanitary sewer and storm drain lines have been removed, which is about 59 percent of the project. The storm water swale has been installed along Spear Avenue.

Mr. Yantos summarized the Parcel C building surveys. The Final FSS report for Building 214 was submitted on November 2, 2011. The Final FSS report and responses to comments (RTCs) for Building 271 is currently under Radiological Affairs Support Office (RASO) review. Surveys at the North Pier are ongoing and the scan survey is complete. The Draft FSS at Building 272 was submitted on January 6, 2012. The Draft FSS at Buildings 203 and 241 were submitted for review on January 5 and 10, 2012, respectively.

The Task-Specific Plans (TSPs) for the Building Sites 500 Series area are complete. At Building 503, the Navy has completed the survey of 7,400 cubic yards of material. At Building 500, the survey and sanitary sewer and storm drain line removal is complete. The scanning and sampling is complete at Building 521. The Navy has completed their removal of the Isotope Vault within Building 529. No contamination was found on the concrete surface of the vault. The vault was demolished in preparation for the soil survey. The Navy is currently preparing an FSS of the trench and vault footprint. Scanning and sampling activities are complete at Building 509. Scanning and sampling are underway at Buildings 506, 517, 520, and former Shacks 79/80. The Navy has commenced removal of the concrete footings at Building 507.

The Navy is continuing the removal of the storm drain and sanitary sewer lines in the Building 500 Series area. The Navy has excavated 8,806 linear feet of storm drain/sanitary sewer lines and approximately 19,224 cubic yards of soil. Three of the 13 active survey units have been restored.

Mr. Yantos noted that at the Gun Mole Pier they have sampled 74 of 74 survey units, and 46 survey units data are below project release criteria. The Navy is currently remediating four impacted survey units which are focused around the former Naval Radiological Defense Laboratory barge location. The Navy is currently developing a plan for survey of the concrete foundations and other structures.

In Parcel D-1, the Navy is currently working on the south pier area and has completed survey and sampling at 14 of 14 survey units. The Navy has completed remediation at seven of the impacted survey units. They are developing a plan for survey of concrete foundation and other structures in the area. The Navy is developing an Internal Draft FSS report for sanitary sewer and storm drains removals from beneath Building 274. The Building 383 area survey is complete and so far there have been no detections above the action levels. The Navy is planning on removing the remaining footer foundation, surveying and sampling in this area.

The Navy has completed remediation of the cesium-137 and radium-226 impacted survey units around the Building 313, 313A, and 322 sites and is developing an Internal Draft FSS. The storm drain and sanitary sewer removal at Parcel D-1 is 99 percent complete. The Navy is currently remediating two survey units. Construction of the drainage swale along Manseau Street was completed in December 2011. The Navy is currently preparing three draft SUPR packages for submittal to the regulatory agencies in January and February 2012.

The Navy is awaiting review and concurrence from the CDPH on the B-140 Technical Memorandum and FSS. The Draft Parcel B RACR was submitted to the regulatory agencies on October 20, 2011, and they just received a letter from CDPH indicating that they had no further comments, so the Final Parcel B RACR will be issued in January 2012. The Final Parcel G RACR with RTCs was issued on December 2, 2011. The Navy has received DTSC concurrence and is awaiting a free release letter from USEPA and CDPH. The Final Parcel UC-3

Radiological RACR with RTCs will be issued in February 2012. In addition, the Navy is currently waiting on a free release letter from CDPH at Parcel D-2.

According to Tracy Jue at CDPH, the Building 140 Technical Memorandum is in CDPH management review and the Parcel G and D-2 Radiological RACR are currently in staff review at CDPH. Mr. Miya asked if the Finding of Suitability for Transfer (FOST) for Parcel D-2 is ready for approval since the RACRs had been revised and will they receive a concurrence letter from the CDPH. Ms. Jue responded that it would need to be discussed with upper management at CDPH. Mr. Forman noted that he didn't think that CDPH needed to comment on the FOST and rather they are waiting on the free release letter for the parcel. Mr. Miya asked CDPH if they have the results from their sampling at Parcel E. Ms. Jue responded that they are currently writing the reports for those sites and there were no surprises in the sample data.

Mr. Yantos noted that the second version of the Draft Radiological Risk and Dose Modeling for IR Sites 7/18, submitted on September 12, 2011, and the Navy is currently responding to agency comments. No additional sampling was requested by the CDPH. The Navy would like to set up a call with the CDPH to go over their remaining comments.

The Navy will be issuing a Radiological Management Plan (RadMP) to cover future radiological work at HPNS. Formerly, the two major over-arching radiological work plans for HNPS were the Base-wide Storm Drain and Sanitary Sewer Removal Work Plan and the Base-wide Radiological Work Plan. These two plans have become outdated as site conditions have changed at HPNS, so they are no longer considered true base-wide work plans. There are now multiple radiological contractors on the base and this new RadMP will be all-inclusive of site requirements. The sampling analysis plans and site-specific plans will now be submitted as project-specific Execution Plans. This RadMP was developed to preserve and update the relevant portions of the Base-wide Work Plans and move site-specific plans to Project Execution Plans.

The RadMP combined the previous outdated base-wide plans and reflects updates to the radiological process and lessons learned over the past six years. The authors removed the sampling and analysis plan portion from the RadMP and this will be submitted by the individual contractors in their project-specific Execution Plans. In addition, the site-specific plans (storm water pollution prevention plan, dust control plan, waste management plan) have been removed from the RadMP and will be included in the project-specific Execution Plans. Mr. Yantos asked the BCT if they feel that this RadMP needs a formal BCT review even though the information was previously approved in the two original work plans and has just been reorganized into this RadMP. Mr. Miya noted that this information needs to be included in the cover letter to the regulatory agencies. The members of the BCT responded that it did not appear necessary that they re-review this information since they have previously reviewed the information in the two original reports.

3.0 Polychlorinated Biphenyl (PCB) Hot-Spot Area Time Critical Removal Action (TCRA) (Melanie Kito, Navy)

Ms. Melanie Kito (Navy) provided an update on the PCB hot-spot TCRA. Ms. Kito noted that in Tier 1, 100 percent of the grids are excavated, sampled and backfilled. At Tier 1, 16 of 43 grids had samples with concentrations above action levels and were consequently over-excavated. A total of 21,771 cubic yards of soil was excavated from the site. Concentrations of PCBs or total

petroleum hydrocarbons (TPH) in ten bottom samples and 14 sidewall samples of soil exceed the screening criteria and will remain in place.

The Navy began excavation of Tier 2 on October 19, 2010. One hundred percent of grids in Tier 2 have been excavated, sampled, and backfilled with clean sand. There were three bottom and eight sidewall samples that exceeded the action levels for either PCBs or lead. A total of 10,607 cubic yards were excavated.

At Tier 3, 100 percent of the grids have been excavated and confirmation samples have been collected. Approximately 80 percent of the grids have been backfilled and four grid sidewall samples have concentrations of TPH or PCBs that exceed the action level. Approximately 4,602 cubic yards of soil has been excavated.

Approximately 1,993 cubic yards of soil has been excavated at Tier 5, and the contractor has completed excavation and sampling at Tier 5. Grids 238 and 239 could not be completed because of the contract ceiling on the work. Confirmation sampling at these grids will be conducted during final excavation. In the interim, the Navy collected volatile organic compounds (VOCs) pothole samples and found tetrachloroethene concentrations that exceeded action levels.

Inspections for material potentially presenting an explosive hazard (MPPEH) are currently being conducted on soil from Tiers 1, 3, and 5. So far they have encountered 14 materials determined as safe, three wooden or chrome plated display items, one inert item, and no munitions of explosive concern (MEC). They have processed 20,500 cubic yards of soil at the site with 8,500 cubic yards remaining to be processed.

Radiological screening is currently being conducted on all soils and materials, and the Navy has processed 27,000 cubic yards of soil and debris. They have found 37 radiological commodities to date. The Navy has cleared over 2,500 cubic yards of concrete and rock for reuse and over 25,000 pounds of metal rebar for recycling.

At Tier 1, the Navy is leaving exceedances of TPH and PCBs in the southern portion of the site along the Parcel E and F boundaries. In Tier 2, the Navy is leaving exceedances of TPH and PCB in the area along Parcel F and PCB and lead exceedances in a sample grid along the Parcel E-2 Landfill area. In Tier 3, the Grid 231 sidewall samples will be left in place, and samples from that location have concentrations of TPH and lead that exceed action levels. In addition, the sidewalls of grids 224, 226, and 227 have concentrations of TPH and PCBs that exceed action levels. At Tier 5, there is potential incomplete removal of perchloroethylene (PCE) at 10 feet below ground surface. The Navy will need to do confirmation sampling and further characterization of the PCE to gather more information on the site.

The Navy will continue soil screening and site restoration activities until April 2012. The Navy will demobilize in April 2012 and submit the Draft RACR to the agencies in June 2012.

4.0 Parcel E IR-03 Non-aqueous Phase Liquid (NAPL) Characterization and Bench-scale Treatability Study Update (Hamide Kayaci, Navy)

Ms. Kayaci introduced the IR-03 Treatability Study and noted that the Navy will be discussing the results of the geotechnical and treatability study sampling. The Navy advanced 18 borings and 16 confirmation soil borings at the site, which resulted in 28 soil and three groundwater samples from the site. The extent of NAPL was determined based on multiple inputs from the

field sampling activities. The lateral extent was defined using historical monitoring wells and boring IR03B423. The lateral and vertical extent were defined using the laser-induced fluorescence (LIF) data, TPH results in confirmation samples and visual observations during the field logging and confirmation sampling activities. The LIF logs were used to determine that the NAPL largely consists of weathered diesel and motor oil.

TPH confirmation samples were collected from 16 soil boring locations and included a total of 28 soil samples from three depths ranging from 5 to 24 feet below ground surface. TPH as diesel and motor oil were detected in all samples with maximum concentrations in boring IR03B409. NAPL presence was determined at 10 of the 16 confirmation boring locations and generally encountered between 9 and 20 feet below ground surface.

The geotechnical borings provided information on the predominant soil types at the site and the depth to the Bay Mud layer. The LIF logs indicated the presence and depth of NAPL at the site. Based on the information gathered during the confirmation sampling, there is generally a good correlation between LIF data and TPH concentrations. In the former pond area, the NAPL typically extends to the Bay Mud layer.

The six soil sample locations on the fringe of the assumed NAPL plume were tested for TPH, PCBs, semi-VOCs, and VOCs. The fringe samples had concentrations of TPH, PCB-1260, dichlorobenzene, naphthalene, and benzo(a)pyrene that exceeded the project screening levels. The TPH boundary was confirmed in three of the six fringe sample locations. Grab groundwater samples were collected from three fringe boring locations and analyzed for TPH, PCBs, semi-VOCs, and VOCs. Concentrations in groundwater that exceeded the project screening levels included benzo(a)pyrene, TPH, PCB-1260, polyaromatic hydrocarbons (PAHs), and vinyl chloride. The TPH concentrations in groundwater confirm the lateral extent of NAPL.

Soil samples collected from seven borings were analyzed for radium-226, cesium-137, and strontium-90. The samples were collected from various depths, and there were no detections of cesium-137 or strontium-90. Low levels of radium-226 were detected in six of seven samples with the maximum result less than the project screening level. The soil at IR-03 will be classified as a mixed waste due to the chemical concentrations and low levels of radium-226.

Based on the results of the geotechnical sampling, the soil at IR-03 is primarily coarse-grained fill material. The initial test of the bench-scale treatability study indicates that NAPL extraction using temperature to impact the NAPL viscosity. Column tests for simulating NAPL extractability by In-Situ Thermal Treatment will be performed at three temperatures. The column tests will be conducted at 45° Celsius (C), 65° C and 90° C. During the column tests the soil will be heated for 48 hours with low air flow. Information on groundwater leaching, TPH residuals in soil, the amount of NAPL extracted, and the off-gassing will be monitored.

The bench-scale treatability study is currently underway and will occur through May 2012. The column test will be started using the optimum temperature on March 1, 2012 and the treatability study report will be issued on May 11, 2012. The draft and final Completion Report will be issued in August 2012 and January 2013, respectively.

5.0 Parcel F Radiological Data Gap Investigation Status Update (Simon Loli, Navy)

Six radionuclides of concern (ROC) were identified in Parcel F based on the Historical Radiological Assessment (HRA): cesium-137, cobalt-60, plutonium-239, radium-226, strontium-90, and uranium-235. The Navy anticipates conducting a data gap investigation for the ROCs throughout Parcel F and summarizing the findings in the Radiological Addendum to the Parcel F Feasibility Study. The data gap investigation will conduct sampling in two phases within Parcel F.

Phase I of the data gap investigation was a general screening survey conducted in 2009. The Phase 2 Final Work Plan was issued in August 2011 and the field work for Phase 2a began in October/November 2011 with the collection of 46 ROC core samples within Parcel F and 18 ROC core samples at reference sites. In addition, the Navy collected 4 clam samples and one reference clam sample. The final radiological data reports, data validation and age dating are due in February 2012, and the draft technical memorandum will be issued in March 2012. Phase 2b will begin in spring 2012 and will involve collecting 129 core samples, 7 clam deployments, three Sedflume cores, two age dating cores, and one water column velocity analysis.

The ROC results will be compared against project action limits for the three conceptual site models in Parcel F (intertidal, subtidal, and revetment wall). Information on the sediment dynamics will be collected to help model the fate and transport sediment-bound radionuclides at the surface, identify areas of net sediment deposition and erosion, estimate rates of sediment accumulation where applicable, and predict the likelihood of subsurface sediment remobilization. The clam tissue bioaccumulations are used to give an indication of radionuclides in tissues with the potential for ingestion by wildlife and humans.

Mr. Loli presented project action limits for each of the three conceptual model areas. Ms. Brasaemle (Tech Law Inc.) noted that one shouldn't use negative numbers when averaging the concentrations for the site. She stated that the average concentration should only include positive numbers. Mr. Forman noted that the average concentration is not important for this presentation. The Navy will have internal discussions with their contractors to determine how to handle the negative numbers for the purpose of this report. The project action limits were not exceeded except for radium-226 in the intertidal area, where three samples exceeded the project action limits. Ms. Kito noted that the concentrations of radium-226 that exceeded project action limits were sampled in 2001, when a different analysis method was used than what is currently used. Mr. Forman noted that the methodology used in 2001 resulted in sample concentrations biased high.

The six reference locations used to determine background concentrations in San Francisco Bay included Red Rock, Paradise Cove, Alcatraz, Alameda Buoy, Bay Farm, and Oyster Point. These are locations used in environmental studies conducted by the Navy and other regulatory programs. These sediments have similar range of physical characteristics as HPNS sediments and are not considered to be impacted by point source contamination.

Two Sedflume samples were collected during Phase 2a and the sediment erosion rates were measured. The cores showed decreasing erosion rates with depth consistent with normally consolidating undisturbed sediments. In addition, two age dating cores were collected and the

analyzed to determine the geochronology. Results for age dating cores are expected in February 2012.

Clams for tissue sampling were deployed at four locations in Parcel F and three locations in the reference areas. Two of the clam pods in the reference areas were not found or not able to be reclaimed. No tissue samples from the clam pods exceeded project action limits.

All data discussed for the samples collected in Parcel F and at the reference points will be presented in the draft technical memorandum scheduled for submittal in March 2012.

6.0 Schedule Update (Melanie Kito, Navy)

Ms. Kito wanted to take a minute to explain the contracting process to the regulators. She noted that in the past the Navy has used a "cost plus" model where if the contractor found additional contamination outside their scope while in the field, they could remove it and the Navy would reimburse them. Currently, the Navy uses fixed price contracting and the contractor are only allowed to remove what is predetermined in the scope. If the agencies want additional samples collected or additional areas remediated, there may be insufficient funds to complete this extra work. The Navy can work with agencies to increase samples in one area (within the same Parcel) but samples in a different area will need to be decreased.

Ms. Kito noted that remedial design for Parcel C will be coming out in August of 2012. The Parcel D-1 Radiological Remedial Action Completion Report (Rad RACR) date might slip even further in the schedule due to problems in the Gun Mole Pier area. The Final Feasibility Study and Radiological Addendum are scheduled to be submitted in June 2012 but this might slip. Ms. Kito noted that the Rad RACR is due in December 2014 and this might get pushed out due to budgeting.

Ms. Brownell noted that the City of San Francisco would like the Navy to put in tentative transfer dates in the schedule for sites that are expected to be transferred to the City of San Francisco within the next couple of years. Ms. Kito noted that her management would like the BCT meetings to be focused on environmental cleanup issues and not transfer issues.

7.0 Community Involvement Update (Matt Robinson, CirclePoint)

Mr. Robinson (CirclePoint) noted that the annual HPNS fact sheet is currently under development and will be available for distribution at the February 22, 2012 community meeting. The USEPA will need 5-10 minutes during the meeting to give an update on the Yosemite Slough cleanup. The 2012 HPNS Community Events Calendar has been created and will be distributed throughout the community and the email contact list. The upcoming February 22, 2012 meeting will be held at the Bayview YMCA and will discuss the Major Activities going on at Parcel E-2. To advertise the upcoming meeting, a notice will be sent to the email contact list, flyers will be distributed in the community and notices will be placed in the newspapers.

Upcoming small group meetings include a meeting with the Morgan Heights Homeowners Association on February 13, 2012, the Tabernacle Group on February 14, 2012, and the Providence Church Community Event on February 25, 2012.

Mr. Forman noted that if the Navy is going to participate in Earth Day then they would like to partner with USEPA Region IX for the event. It appears that the City of San Francisco website

has yet to announce the date of the Earth Day celebration. Mr. Forman noted that the Navy does not want to do a celebration that is outside of the Bayview/Hunters Pointneighborhood. Mr. Cooper noted that the Navy might want to look for volunteer activities in the Bayview neighborhood.

8.0 Action Items/Future Meetings (Melanie Kito, Navy)

- Mr. Miya will set up a call between CDPH and the Navy to discuss outstanding comments on the Revised Risk & Dose Modeling report.

- The Navy will have internal discussion on how to handle "negative" radiological values reported for data gathered in Parcel F.

- The next BCT meeting will be held on February 23, 2012 at HPNS. Action items are included as Attachment C.

ATTACHMENT A

HUNTERS POINT NAVAL SHIPYARD
MEETING ATTENDANCE SHEET

Topic: BCT Meeting
Location: CH2M HILL Offices
155 Grand Avenue
Oakland, CA
Date/Time: January 26, 2012 / 10:00 a.m.

Organization	Name	Phone Number	E-Mail Address	Present
Navy	Keith Forman	619-532-0913	keith.s.forman@navy.mil	X
	Melanie Kito	619-532-0787	melanie.kito@navy.mil	X
	Lara Urizar	619-532-0960	lara.urizar.ctr@navy.mil	X
	Hamide Kayaci	619-532-0930	hamide.kayaci.ctr@navy.mil	X
	Chris Yantos	619-532-0952	christopher.yantos.ctr@navy.mil	X
	Simon Loli	619-532-0782	simon.loli.ctr@navy.mil	X
	Laurie Lowman	757-887-7650	laurie.lowman@navy.mil	
	Matt Slack	757-887-4212	matthew.slack@navy.mil	
	Zack Edwards	757-887-4692	zack.edwards@navy.mil	
	Frank Fernandez	510-749-5936	franklin.d.fernandez@navy.mil	
	Jarvis Jensen	757-887-4483	jarvis.jensen@navy.mil	
	Adam Zwiebel	510-749-5947	adam.zwiebel@navy.mil	
	Shane Wells	510-749-5922	robert.s.wells@navy.mil	
	Bob Hunt	619-532-0962	robert.a.hunt.ctr@navy.mil	
	Deb Theroux	619-532-0919	debra.theroux@navy.mil	
USEPA	Craig Cooper	415-947-4148	cooper.craig@epa.gov	X
	Jackie Lane	415-972-3236	Lane.jackie@epa.gov	X
DTSC	Ryan Miya	510-540-3775	rmiya@dtsc.gov	X
Water Board	Ross Steenson	510-622-2445	rsteenson@waterboards.ca.gov	X
	Tina Low	510-622-5682	tlow@waterboards.ca.gov	X
CDPH	Jeff Wong	510-620-3423	jeff.wong@cdph.ca.gov	X
	Tracy Jue	916-324-4808	tracy.jue@cdph.ca.gov	X
	Kurt Jackson			
	Larry Morgan			
	Steve Hsu	916-440-7940	steve.hsu@cdph.ca.gov	
City of SF	Amy Brownell	415-252-3967	amy.brownell@sfdph.org	X
Treadwell and Rollo	Sigrida Reinis	415-955-9040	sreinis@treadwellrollo.com	X
Geosyntec	Jeff Austin	415-218-0027	jasustin@geosyntec.com	X
BVHP/Lennar	Steve Rottenborn	408-458-3205	srottenborn@harveyecology.com	

Organization	Name	Phone Number	E-Mail Address	Present
Tech Law Inc., *USEPA contractor*	Karla Brasaemle	415-762-0566	kbrasaemle@techlawinc.com	X
	Mary Snow			
Navy Contractors				
Tetra Tech EM, Inc.	Tim Mower	313-312-8874	tim.mower@ttemi.com	X
Tetra Tech EC, Inc.	Bill Dougherty	415-216-2731	bill.dougherty@tetratech.com	
Sealaska Environmental Services	Doug Peeler		doug.peeler@sealaska.com	
CE2	Bruce Rucker	925-400-4586	rucker@ce2corp.com	X
	John Copland	925-463-7301	copland@ce2corp.com	
Kleinfelder	Gary Goodemote	510-628-9000	ggoodemote@kleinfelder.com	
	Gabriel Fuson	510-774-4115	gfuson@kleinfelder.com	
	Eric Johansen	619-694-5516	ejohansen@kleinfelder.com	X
KCH	Leslie Lundgren	415-541-7110	leslie.lundgren@ch2m.com	X
	Jamie Hamm	415-819-4971	Jamie.hamm@ch2m.com	X
ERRG	Doug Bielskis	925-726-4119	doug.bielskis@errg.com	X
	John Sourial	415-848-7103	john.sourial@errg.com	
ITSI	Jim Schollard	925-946-3107	jschollard@itsi.com	
	Brett Womack	925-250-8077	bwomack@itsi.com	
	Ken Leonard	925-946-3263	kleonard@itsi.com	
	Jeff Hess	925-946-3104	jhess@itsi.com	
	Arvind Archarya	510-719-6858	aacharya@itsi.com	X
	Kent Baugh		kbaugh@itsi.com	X
Shaw Group	Wayne Akiyama	925-288-2003	wayne.akiyama@shawgrp.com	
	Ray Schul	415-822-1224	raymond.schul@sahwgrp.com	
	Ulrika Messer	619-241-9451	ulrika.messer@shawgrp.com	X
Battelle	John Hardin	619-574-4827	hardinj@battelle.org	X
AMEC	Alfonso Ang	415-278-2108	Alfonso.ang@amec.com	
	Jeff Fenton	707-793-3832	Jeffery.fenton@amec.com	X
	Ray Hendry	303-807-4421		
PNNL	Steve Maheras			X
URS	Jerry Zimmerle	714-433-7738	jerome.zimmerle@urscorp.com	
CirclePoint	Lawrence McGuire	415-227-1100	l.mcguire@circlepoint.com	
	Matt Robinson	510-378-5511	m.robinson@circlepoint.com	X
CDM	Tamzen Macbeth	208-569-5147	macbethtw@cdm.com	

Organization	Name	Phone Number	E-Mail Address	Present
Arc Ecology	Martha Walters		rosewalt@aol.com	X
BCDC	Rafael Montes	415-352-3670	rafaelm@bcd.ca.gov	

ATTACHMENT B
HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX
January 26, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Documents Historically Reviewed									
1	E-2	Final Proposed Plan (Public)	9/7/11	n/a	public comment		11/21/11 (CDPH)		10/5/11
2	B	Draft Action Memorandum Removal of UST 113 A, IR Site 42	9/12/11	10/12/11		10/17/11	9/29/11	10/13/11	9/29/11
3	C	Draft RU C2 Pre Remedial Action (RA) Initial Characterization Work Plan	9/23/11	10/26/11		10/26/11	10/19/11	10/26/11	10/26/11
4	B, C	Final Survey Unit 186 Project Report	9/23/11	n/a					
5	C	Draft Pre-RA Initial Characterization Work Plan (RU C1, RU C4, RU C5)	9/28/11	10/28/11		10/25/11	11/3/11	11/1/11	10/26/11
6	C	Draft RU C5 GWTS Completion Report	10/11/11	11/11/11		11/9/11	11/10/11	11/10/11	11/9/11
7	G	Draft Survey Unit Project Report for Survey Unit 204	9/28/11	10/28/11					
Document Review Period Recently Completed									
1	B,D-1, G	Final RCRA for Soil Hot Spot Location B, D-1,G	10/7/11	n/a					
2	B	Draft Final Status Survey Report, Submarine Quay Wall	10/11/11	11/11/11		11/16/11	11/22/11		11/28/11
3	B	Draft Rad RACR	10/21/11	11/21/11		11/16/11	11/22/11		11/28/11
4	C	Final Final Status Survey Results Building 214	11/2/11	n/a					
5	B,D-1,G	Draft Post Construction Summary Report Petroleum Hydrocarbon Corrective Action	11/2/11	12/2/11					12/16/11

ATTACHMENT B
HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX
January 26, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
6	E-2	Final Landfill Gas Monitoring Report, July-September 2011, Post Removal Action Parcel E-2 Industrial Landfill	11/8/11	n/a					
7	G	Final Rad RACR	12/2/11	1/6/12	Concurrence	12/14/11	12/9/11		
8	Basewide	Final Execution Plan, Revision 1, Basewide Execution Plan	12/20/11	n/a					
Documents Currently Under Review									
1	E	Draft Final Parcel E FS Radiological Addendum	11/17/11	2/15/12			1/13/12		1/6/2012
2	G	Final Survey Unit 204 Project Report, Parcel G Sanitary Sewer and Storm Drain Removal Project	11/18/11	n/a					
3	UC-3	Draft Rad RACR	11/18/11	12/19/11		12/21/11	12/19/11		
4	E-2	Draft SAP, Interim Monitoring and Maintenance for Landfill Gas Control Syst.	11/21/11	12/21/11		1/13/12	1/23/12		1/20/2012
5	D-2	Final Radiological Removal Action Completion Report, Revision 2	12/16/11	1/13/12	Concurrence		1/13/12		
6	E	Draft Final Status Survey Results, IR-04 Former Scrap Yard Site and Former Building 807 Site	12/21/11	1/20/12			1/20/12		
7	B	Draft Petroleum Hydrocarbon Corrective Action, Quarterly Monitoring Report, Second Quarter 2011	12/23/11	1/24/12					
8	E-2	Draft Action Memo, TCRA for Shipshielding	12/29/11	2/13/12					
9	B	Draft RACR for IR 7 and 18	1/6/12	2/21/12					

ATTACHMENT B
HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX
January 26, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Documents for Upcoming Review (next 3 months)									
1	E-2	Draft TCRA Work Plan for Shipshielding Area	1/27/12	30 days from submittal date	Date Tentative				
2	B	Final Rad RACR	1/31/12	concurrence	Date Tentative				
3	C	Final Pre_RA Initial Characterization Work Plan RU-C1, RU-C4, RU-C5	2/6/12	n/a	Date Tentative				
4	C	Final RU_C2 Pre RA Work Plan	2/6/12	n/a	Date Tentative				
5	E	Draft Work Plan Addendum to the Parcel E Groundwater Treatability Study	2/7/12	30 days from submittal date	Date Tentative				
6	C	Final RU_C5 GWTS Completion Report	2/9/12	n/a	Date Tentative				
7	E	Draft Parcel E Soil Excavation Characterization Work Plan	2/10/12	30 days from submittal date	Date Tentative				
8	F	Draft Pier Demolition RACR	2/13/12	30 days from submittal date	Date Tentative				
9	UC-1,2	Draft Remedial Action Work Plan	2/14/12	30 days from submittal date	Date Tentative				
10	B	Final RACR for IR 7 and 18	3/9/12	n/a	Date Tentative				
11	E-2	Draft Parcel E-2 ROD	3/14/12	30 days from submittal date	Date Tentative				
12	E	Draft Final Work Plan Addendum to the Parcel E Groundwater Treatability Study	3/19/12	15 days from submittal date	Date Tentative				

ATTACHMENT B
HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX
January 26, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
13	F	Draft Radiological Data Gaps Investigation Tech Memo #1	3/27/12	30 days from submittal date	Date Tentative				
14	E	Draft Final Parcel E Soil Excavation Characterization Work Plan	3/29/12	15 days from submittal date	Date Tentative				
15	C,E	Draft Soil Vapor Sampling Work Plan	3/30/12	30 days from submittal date	Date Tentative				
16	E-2	Final Action Memo, TCRA for Shipshielding	4/2/12	n/a	Date Tentative				
17	E-2	Final TCRA Work Plan for Shipshielding Area	4/10/12	n/a	Date Tentative				
18	E	Final Parcel E Soil Excavation Characterization Work Plan	4/13/12	n/a	Date Tentative				
19	B,D-1,G, UC-2	Revised Draft Soil Vapor Investigation Tech Memo	4/13/12	30 days from submittal date	Date Tentative				
20	E	Final Work Plan Addendum to the Parcel E Groundwater Treatability Study	4/24/12	n/a	Date Tentative				

Notes:

*	Comments deferred to other agency
CAP	Corrective Action Plan
CDPH	California Department of Public Health
DTSC	Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
FOSL	Finding of suitability to lease
FOST	Finding of suitability to transfer
FS	Feasibility study
FSS	Final Status Survey
n/a	Not applicable
PCB	Polychlorinated biphenyl
ROD	Record of decision
RI	Remedial investigation
RTC	Response to comment
SF	San Francisco
TCRA	Time critical removal action
TPH	Total petroleum hydrocarbon
Water Board	San Francisco Bay Regional Water Quality Control Board

ATTACHMENT C
HUNTERS POINT NAVAL SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM ACTION ITEMS

Item No.	Action Item	Person Authoring the Action Item	Due Date	Person/Agency Committing to Action Item	Resolution Status
New Action Items					
1	Ryan Miya will set up a teleconference between the Navy and CDPH to discuss CDPH comments on the Revised Risk & Dose Modeling document.	Ryan Miya, DTSC		Ryan Miya, DTSC	
2	The Navy will discuss internally how to handle negative numbers in the radiological concentrations at Parcel F.	Navy		Navy	
Outstanding Action Items					
1	Describe RAD-impacted designation areas on the landside of Berths in Parcel B.	Navy		Navy	This action item is ongoing. Mr. Forman/Ms. Kito will continue to follow up with Ms. Lowman.